Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 19 Oct 2023 until 23:59 on Friday 20 Oct 2023

Forecast Issued on Thursday 19 Oct 2023 at 02:29

Confidence: High for unsettled and changeable conditions through the next few days. Lower for rain and wind details.

Headline for Thursday 19 Oct 2023: Early rain and mist giving way to sunny spells and heavy showers, perhaps thundery.

Mountain weather hazards on Thursday 19 Oct 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light rain showers	Light rain showers	Light rain showers	Light rain showers (night)
Precipitation probability					
30%	30%	20%	30%	30%	30%

Forecast for Thursday 19 Oct 2023

Weather: Heavy rain and strong winds easing in the early hours. A misty start with patchy light rain or drizzle but soon becoming largely dry with bright or sunny spells. A few showers will develop in the afternoon, some heavy with a small risk of thunder. Feeling rather warm and humid for the time of year.

Chance of cloud-free hill tops above 600m: 10% overnight and to start the morning, becoming 70% during the morning.

Low cloud and visibility: Very poor visibility overnight and to start the morning with extensive cloud and fog above 300m. Improving during the morning with cloud lifting and breaking up but locally poor in showers with patchy cloud down to 400m. Low cloud becoming more extensive again during the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Thursday 19 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/30 S	20/28 SE	20/28 S	16/23 SE	16/23 SE	14/19 SE	12/17 E
300	15/23 S	18/26 SE	16/24 S	12/19 SE	12/22 SE	11/19 SE	7/14 E
Valley	8/22 S	10/22 SE	12/24 S	8/18 SE	8/19 SE	5/14 E	7/15 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	12/8	12/9	13/10	12/9	11/9	11/8
300	12/9	13/10	15/12	15/13	14/12	14/12	13/12
Valley	12/11	14/12	16/14	16/15	14/13	14/13	13/12
Freezing Level*	2800m	2900m	2400m	2500m	2400m	2400m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Difficult navigation conditions at first then brightening up and becoming rather warm and humid. This will trigger a few heavy and thundery showers in the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 19 Oct 2023	0mm	0mm	0mm

Forecast for Friday 20 Oct 2023

Weather: Showery rain overnight, heavy and possibly thundery at times but clearing by dawn. Mainly dry start to the morning then outbreaks of rain arriving, becoming persistent and occasionally heavy especially in the east. Easterly winds becoming strong on the tops.

Maximum wind: East or Northeast 20mph gusts 30mph increasing to 25-35mph with gusts 50mph on the tops.

Chance of cloud-free hill tops above 600m: 30%.

Low cloud and visibility: Areas of low cloud and fog above 300 or 400m, mainly across eastern hills. Below the cloud, rather hazy, occasionally poor in rain.

Temperature: **Valleys:** 12C rising to 14C.
At 600m: Plus 11C falling to 8C during the day.
Freezing level: Above summits.

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